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CLAIMS

- 1 1. A method of preventing thrombosis formation on a liquid-containing surface of a liquid
2 delivery system, the liquid delivery system being connected to a patient for delivery of a
3 liquid to said patient, the method comprising a regimen selected from the group consisting of:
4 A) contacting said surface with a thrombosis-preventing liquid containing
5 taurolidine, taurultam or a mixture thereof, said thrombosis-preventing liquid
6 further containing an anticoagulant agent; and
7 B) first contacting said surface with a solution containing a thrombosis-
8 preventing amount of an anticoagulant agent, and thereafter contacting said
9 surface with a solution containing taurolidine, taurultam or a mixture thereof.

2. The method of claim 1 wherein the solution or liquid containing taurolidine, taurultam or mixture thereof is contacted with said surface for at least about 1 hour.

~~3. The method of claim 2 wherein said solution or liquid containing tautolidine, taunilidam or mixture thereof is sealed in said delivery system for a period of at least 12 hours.~~

1 4. The method of claim 3 wherein said solution or liquid containing taurolidine, taurotaam or
2 mixture thereof which is sealed in said delivery system, is replaced at least about daily.

1 S. The method of claim 1 wherein, when first contacting said surface with the anticoagulant
2 solution, said surface is flushed with said anticoagulant-containing solution.

1 6. The method of claim 5 wherein the solution containing taurokidine, taurultam or a mixture
2 thereof is contacted with said surface for at least about 1 hour.

7. The method of claim 6 wherein said solution containing taurolidine, taurulite or a mixture thereof is sealed in said delivery system for a period of at least about 12 hours.

~~8. The method of claim 7 wherein the solution containing taurolidine, tauruliam or a mixture thereof which is sealed in said delivery system is replaced at least about daily.~~

1 9. The method of claim 1 wherein the anticoagulant-containing solution is contacted with
2 said surface by injecting the anticoagulant-containing solution into said liquid delivery
3 system and then removing said anticoagulant-containing solution from said liquid delivery
4 system.

1 10. The method of claim 9 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof is contacted with said surface for at least about 1 hour.

1 11. The method of claim 10 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof is sealed in said delivery system for a period of at least about 12 hours.

1 12. The method of claim 11 wherein the solution containing taurolidine, taurultam or a
2 mixture thereof which is sealed in said delivery system, is replaced at least about daily.

Subt 3
1 13. The method of claim 1 wherein said solution or liquid containing taurolidine, taurultam
2 or a mixture thereof contains from about 0.5 to about 3% by weight of taurolidine, or from
3 about 1 to about 7.5% by weight of taurultam.

1 14. The method of claim 1 wherein said anticoagulant agent is selected from the group
2 consisting of sodium citrate, aprotinin, hirudin, desirudin, danaparoid, danaparoid-sodium,
3 heparin, pentosan, pentosanpolysulfate sodium, ticlopidine, clopidogrel, and mixtures
4 thereof.

1 15. The method of claim 14 wherein said anticoagulant is present in an amount within a
2 range of from about 0.1-10mg.

1 16. A composition for use in the method of claim 1, comprising a pharmaceutically-
2 acceptable liquid containing taurolidine, taurultam or a mixture thereof and further including
3 an anticoagulant agent.

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